

FILE NOTATIONS

Entered in NID File

☒

Entered On S R Sheet

☒

Location Map Pinned

☒

Card Indexed

☒

IWR for State or Fee Land

☐

Checked by Chief

RLS

Copy NID to Field Office

☒

Approval Letter

In Unit

Disapproval Letter

☐

COMPLETION DATA:

Date Well Completed 7-16-60

Location Inspected

PUB

OW _____ WW _____ TA _____

Bond released

GW _____ OS _____ PA ☒

State of Fee Land

☐

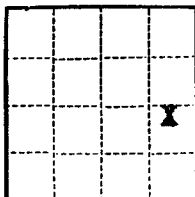
LOGS FILED

Driller's Log 7-21-60

Electric Logs (No.) 2

E _____ I _____ E-I ☒ GR _____ GR-N _____ Micro ☒

Lat _____ Mi-L _____ Sonic _____ Others _____



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Utah**
Lease No. **SL-071978**
Unit **White River**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. **4** is located **1980** ft. from **[S]** line and **660** ft. from **[E]** line of sec. **2**
SE 1/4 Sec. 2 **8 S** **22 E** **Salt Lake**
 (Sec. and Sec. No.) (Twp.) (Range) (Meridian)
White River **Uintah** **Utah**
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft. to follow.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We propose to drill a well on the above location to test the Chapita zones of Wasatch formation and all other formations penetrated. Surface formation is Uintah. Surface casing will be 10-3/4" 32.75# R-40 set at approximately 200' and cemented to surface.

All gas or oil shows will be tested in open hole or after casing is run. Drilling mud will be used unless lost circulation makes it imperative to use air or gas. If commercial production is encountered, either 5-1/2" 17# or 4-1/2" 11.6# casing will be run and cemented to protect all possible productive zones.

Estimated spud date is May 25, 1960.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **BELCO PETROLEUM CORPORATION**
 Address **P. O. Box 774**
Grand Junction, Colorado
 By **A. Frisch**
 Title **District Engineer**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER SL-071978
UNIT White River

LESSEE'S MONTHLY REPORT OF OPERATIONS

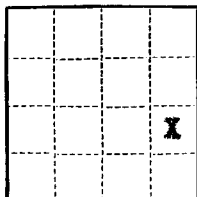
State Utah County Uintah Field White River
The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1960,
Agent's address P. O. Box 774 Company BELCO PETROLEUM CORPORATION
Grand Junction, Colorado Signed A. FRISCH
Phone CH 3-0682 Agent's title District Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE/SE Sec. 2	8S	22E	4							Spudded 5-27-60 Set 13-3/8" 48# H-40 at 213' & cemented w/175 sx. Ideal reg. w/2% HA-5. Plug down 5-28-60. Drlg. 3254'.

cc: USGS (2)
U-OGCC (2)
ABE
DCB

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Utah**
Lease No. **ML-071978**
Unit **White River**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Subsequent Report on Casing	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 1, 1960

Well No. **4** is located **1980** ft. from **N** line and **660** ft. from **E** line of sec. **2**
SE 1/4 Sec. 2 **8 S** **22 E** **Salt Lake**
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
White River Unit **Uintah** **Utah**
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft. to follow.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The above well was spudded on 5-27-60.

Surface casing consisting of 7 jts. of 13-3/8" 48# H-40 casing was landed at 213' KB and cemented w/175 sacks Ideal regular cement w/2% HA-5 on 5-28-60. The casing was tested to 500 psi for 1 hr. and the plug drilled after 20 hrs.

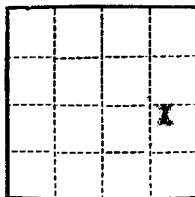
cc: USGS (3)
U-OCGC (2)
ABD
MLK

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **BELCO PETROLEUM CORPORATION**

Address **P. O. Box 774**
Grand Junction, Colorado

By **A. Frisch**
Title **District Engineer**
ORIGINAL SIGNED BY
A. FRISCH



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Utah**
Lease No. **SL-071978**
Unit **White River**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	<input checked="" type="checkbox"/>	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

White River July 14, 1960

Well No. **4** is located **1980** ft. from **N** line and **660** ft. from **E** line of sec. **2**

SE 1/4 Sec. 2 **8 S** **22 E** **Salt Lake**

(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

White River **Uintah** **Utah**

(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ ^{KB} above sea level is **5233** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The above well was drilled to a total depth of 7630', with no commercial production encountered. Induction & Micrologs were run which showed no prospective zones were overlooked. The hole was bottomed in the Wasatch. No high pressure water or gas zones were encountered, and we proposed to plug the well as follows:

7630-6010'	Heavy Mud
6010-5950'	25 sz. Cement - Top Wasatch - 5980'
5950-3260'	Heavy Mud
3260-3200'	25 sz. Cement - Top Green River - 3200'
3200-240'	Heavy Mud
240-180'	40 sz. Cement - Bottom 13-1/8" @ 213'.
180-10'	Heavy Mud

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. (over)

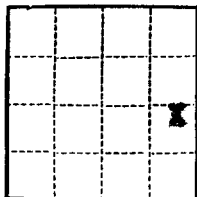
Company **BELCO PETROLEUM CORPORATION**
P. O. Box 774
Address **Grand Junction, Colorado**

By **A. Frisch**
A. Frisch
Title **District Engineer**

10'- 0' 10 sq. Cement.

A regulation marker will be set & the location cleaned up to comply with government regulations.

098104-7



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
SL-071976
Lease No. White River
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 18, 1960

White River is located 1980 ft. from N line and 660 ft. from E line of sec. 2
SE 1/4 Sec. 2 8 S 22 E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
White River Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5233 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The above well was plugged and abandoned on July 15, 1960, as follows:

7630-6010' Heavy Mud
6010-5950' 25 ex. Cement - Top Washatch - 5980'
5950-3260' Heavy Mud
3260-3200' 25 ex. Cement - Top Green River - 3200'
3200-240' Heavy Mud
240-180' 40 ex. Cement - Bottom 13-1/8" @ 213'.
180-10' Heavy Mud
10-0' 10 ex. Cement.

A regulation marker set, and the location cleaned up to comply with government

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be regulations.

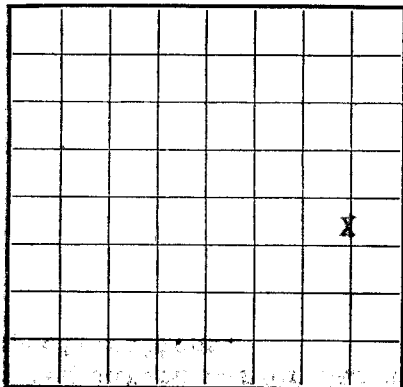
MILCO PETROLEUM CORPORATION

Company _____
Address P. O. Box 774
Grand Junction, Colorado

Checked and signed by
A. Frisch
By _____
Title District Engineer

U. S. LAND OFFICE **Utah**
SERIAL NUMBER **SL-071978**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **BELCO PETROLEUM CORPORATION** Address **P. O. Box 774, Grand Junction, Colo.**
 Lessor or Tract **Government** Field **White River** State **Utah**
 Well No. **4** Sec. **2** T. **8 S** R. **22 E** Meridian **Salt Lake** County **Uintah**
 Location **1980** ft. {N. of **8** Line and **660** ft. {E. of **3** Line of Sec. **2** Elevation **5233** KB
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

ORIGINAL SIGNED BY
A. FRISCH

Signed

Date **July 18, 1960****A. Frisch**Title **District Engineer**

The summary on this page is for the condition of the well at above date.

Commenced drilling **May 27**, 19**60** Finished drilling **July 16**, 19**60****OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 4, from **None** to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **None** to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8"	48	8	Spang	200	Guide				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	213	175	Pump & Plug		

PLUGS AND ADAPTERS

Running plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

Leaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to 7630 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 18, 1960 Put to producing P & A July 16, 1960

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. Gracie, Driller L. R. Starwalt, Driller
W. T. C., Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	300'	300'	No Samples.
300'	3230'	2930'	<u>Duchesne River & Uinta Formations</u> Sh, variegated, firm/mnr ss lenses, wh, c-f shang, fri-uncons, clr-fros.
3230'	4640'	1390'	<u>Green River Formation</u> Oil sh, dk gy-brn, hd, dol/occ strks of gy & gn sh/v mnr thin ss lenses, wh, vf-f, shang hd/P por.
4640'	5980'	1340'	Sh, brn-gy-gn gy, hd, calc/some sl dol/intbd ss lenses, wh, f shang-ang, hd, tt, slty glau/some dol-v dol.
5980'	7240'	1260'	<u>Wasatch Formation</u> Sh, vgt, slty, sft, bent/v mnr scat thin ss lenses, wh, vf-c, tt & dol.
7240'	7270'	30'	Ss, gy, gn, m tt, hd-fri, slty in pt.
7270'	7430'	60'	Sh, vgt, sl dol in pt; some sdy-slty.
7430'			

FORMATION RECORD—CONTINUED

16—48094-4

JUL 21 1960

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
7430'	7480'	50'	Sltst-ss, gy, p srt, slt-m, tt, sl dol.
7480'	7570'	90'	Sh, vgt, sl dol in pt/some sdy-slt.
7570'	7590'	20'	Ss, gy, slty-m tt, sl calc.
7590'	7622'	32'	Sh, gy-gn/strks vgt/some sdy-slt.
	7622' TD		

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

The above well was spudded on 5-27-60. A 17-1/4" hole was drilled to 217', and 7 jts. 13-3/8" 48# H-40 Casing was landed at 213' and cemented w/175 sx. cement w/2% HA-5 on 5-28-60. The casing was tested to 500 psi for 1 hr. and the plug drilled after 20 hrs. Drilling progressed to 7630' with 9" hole, and the following drill stem tests were run in the course of drilling.

INDUSTRIAL ANALYSIS

	DST #1	DST #2	DST #3
Date	7-9-60	7-11-60	7-13-60
Interval	7250-7306'	7411-7489'	7434-7630'
Init. Hydro.	3451	3615	3660
Init. SI	1936/45 min.	2760/45 min.	2095/45 min.
Init. Flow	42	22	50
Final Flow	42	68	120
Final SI	750/45	2530/45	1325/45
Final Hydro.	3410	3615	3640
Rec.	30' Mud	105' Mud	394' SI GCM
Temp.	150°	150°	150°
Gas	No gas to surf.	No gas to surf.	No gas to surf.

Induction & Micrologs were run on 7-13-60. Sidewall cores were taken in several sands in the Green River formation, but no good sand was recovered. The well was plugged on 7-15-60 as follows:

7630-6010'	Heavy Mud	3200-240'	Heavy Mud
6010-5950'	25 sx. Cement	240-180'	40 sx. Cement
5950-3260'	Heavy Mud	180-10'	Heavy Mud
3260-3200'	25 sx. Cement	10- 0'	10 sx. Cement

FOOTWEIGHT CORRECTION

A regulation marker was set and the location marked up according to government specifications.

STANDARDIZATION

ORIGINAL OF THE HISTORY

MAILED 1960

1. THE HISTORY OF THE WELL

2. THE LOCATION OF THE WELL

3. THE HISTORY OF THE WELL

1. THE HISTORY OF THE WELL

1. THE HISTORY OF THE WELL

